

M2/M3 MILES 2000 BORESIGHT PROCEDURES

BORESIGHT THE MILES AT MAX ENGAGEMENT RANGE IF POSSIBLE, AT NTC NO LESS THAN 3000 METERS.

1. Turn on vehicle master power and turret power, set turret for power mode operation, turn on night sight.
2. Select range "0" on range wheel, [if using superlevation suppression system] set it to "MILES", if not using the SSS, turn BLRF off, open ballistic shield doors, select "Hi" magnification, select "AP" ammo, verify AP reticle in the gunner's sight.
3. Look through the gunner's sight and use the GUN BORESIGHT AZ adjustment knob to move the AP reticle until the vertical center line of the AP reticle is aligned with the vertical center line of the TOW reticle. [Do not make adjustments for elevation at this time].
4. Use the gunner's hand station in the power mode to lay the AP reticle on the aiming point on the bore sight target.
5. Remove the adjustment cover from the rear on the ULT. Look through the scope on the ULT and use the adjustment knobs to move the ULT reticle to the same defined aiming point as the AP reticle. Leave the adjustment cover off at this time.
6. Refer the AUX sight to the same aiming point as the AP reticle.
7. Set the ISU for night operation, use the night bore sight knobs to refer the night sight reticle to the day sight same aiming point.

TOW ALIGNMENT PROCEDURES

8. Raise the TOW launcher and select high mag.
9. Select TOW on the missile control box. Verify that the ULT is still on the defined aiming point by looking through the ULT scope.
10. WITHOUT MOVING THE GUNNER'S HANDSTATION, use a small flat tip screwdriver to turn the TOW bore sight screw to refer the TOW reticle in elevation to the defined aiming point. **(NOT USED WHEN USING ISU WORK AROUND BOX)**
11. Use the gunner's hand station to lay off then back on the defined aiming point in a "G" patter, confirm that the TOW reticle and the ULT reticle are on the same defined aiming point.
12. Select "AP" ammo, using a "G" pattern, lay the AP reticle on the defined aiming point, confirm that both the AP reticle and the ULT are on the same aiming point.
13. Replace the ULT adjustment cover.
14. Fire all weapon systems at a MILES instrumented target to confirm a kill.

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 310-1; the proponent agency is the US Army Adjutant General Center.						Use Part II (<i>reverse</i>) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
TO: (<i>Forward to proponent of publication or form</i>) (<i>Include ZIP Code</i>)						FROM: (<i>Activity and location</i>) (<i>Include ZIP Code</i>)	
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER						DATE	TITLE
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON <i>(Exact wording of recommended change must be given)</i>	
<i>* Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE	

TO: <i>(Forward to proponent of publication or form) (Include ZIP Code)</i>				FROM: <i>(Activity and location) (Include ZIP Code)</i>			DATE	
PART II- REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS								
PUBLICATION/FORM NUMBER				DATE		TITLE		
PAGE NO.	COLM NO.	LINE NO.	FEDERAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPROTED	RECOMMENDED ACTION

PART III - REMARKS <i>(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)</i>								
TYPED NAME, GRADE OR TITLE			TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION			SIGNATURE		